

#11 Amended B  
Jan 21 2003



Docket No.: 614.1963

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Kazuhisa MURATA

Serial No. 09/289,580

Group Art Unit: 2633

Confirmation No. 8807

Filed: April 12, 1999

Examiner: David C. Payne

For: OPTICAL TRANSMISSION SYSTEM AND OPTICAL TRANSMISSION DEVICE

AMENDMENT

RECEIVED

Assistant Commissioner for Patents  
Washington, D.C. 20231

JAN 23 2003

Technology Center 2600

Sir:

This is in response to the Office Action mailed October 23, 2002, and having a period for response set to expire on January 23, 2003.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

IN THE SPECIFICATION:

Please REPLACE the paragraph beginning at page 2, line 18, as follows:

B<sup>1</sup>

The wavelength demultiplexer 207 at the optical receiver 202 separates the multiplexed signals received from the optical transmitter 201 through the optical transmission line 203 into the signals corresponding to the wavelengths  $\lambda_1$  to  $\lambda_k$ , respectively. These optical signals having the wavelength of  $\lambda_1$  to  $\lambda_k$ , respectively, are converted to corresponding electrical signals by the optical-electrical converter 208, and then the SOH of the electrical signals is terminated by the SOH terminating unit 209. The electrical signals having their SOH terminated are transmitted to a further stage (not shown in Fig. 1) on an each (i.e., individual) channel basis. Thus, the data comprising the electrical signals for each of the channels  $CH_1$  to  $CH_k$  can be transmitted from the optical transmitter 201 to the optical receiver 202 over the signal optical transmission line 203.